

WHAT IS CLAIMED IS:

1 1. A method for positioning of a user on the mobile Internet, comprising the
2 steps of:
3 receiving a request to position the user using a location based service;
4 accessing a location privacy proxy to determine if the location based service
5 may position the user; and
6 positioning the user based on the determination made by the location privacy
7 proxy.

1 2. The method of Claim 1, wherein the request is received from a mobile portal.

1 3. The method of Claim 1, wherein the request is received from a WAP gateway.

1 4 The method of Claim 1, wherein the request is received from a positioning
2 server.

1 5. The method of Claim 1, wherein the step of accessing further comprises the
2 steps of:

3 determining if the location based service has previously positioned the user;
4 if the location based service has not previously positioned the user,
5 determining if the user manually authorizes positioning by the location based service; and
6 storing an indication of whether the location based service is authorized to
7 position the user.

1 6. The method of Claim 1, wherein the step of accessing further comprises the
2 steps of:

3 determining if the location based service has previously positioned the user;
4 if the location based service has previously positioned the user, accessing a
5 user profile to determine if the user may be positioned if the user manually authorizes the
6 positioning.

1 7. The method of Claim 1, further including the steps of:
2 generating a unique ID within the location privacy proxy for a request from an
3 untrusted application; and
4 associating the unique ID with the MSISDN of the user being positioned.

- 1 8. The method of Claim 7, wherein the step of positioning further comprises the
2 steps of attaching the unique ID of the user to a positioning request prior to
3 positioning the user.

1 9. A method for controlling positioning of a user on the mobile Internet,
2 comprising the steps of:

3 receiving a request to position the user using a location based service;

4 determining if the location based service has previously positioned the user
5 using a location privacy proxy;

6 if the location based service has previously positioned the user, accessing a
7 user profile to determine if the user may be positioned;

8 if the location based service has not previously positioned the user,

9 determining if the user manually authorizes positioning by the location based
10 service;

11 storing an indication of whether the location based service is authorized to
12 position the user; and

13 positioning the user based on the determination made by at least one of the
14 location privacy proxy or manual authorization by the user.

1 10. The method of Claim 9, wherein the request is received from a mobile portal.

1 11. The method of Claim 9, wherein the request is received from a WAP gateway.

1 12. The method of Claim 9, wherein the request is received from a positioning
2 server.

1 13. The method of Claim 9, further including the steps of:
2 generating a unique ID within the location privacy proxy for a request from an
3 untrusted application; and
4 associating the unique ID with the MSISDN of the user making the request.

1 14. The method of Claim 13, wherein the step of positioning further comprises the
2 steps of:
3 attaching the unique ID of the user to a positioning request prior to positioning the
4 user.

1 15. A method for controlling positioning of a user on the mobile Internet,
2 comprising the steps of:

3 receiving a request to position the user using a location based service;
4 accessing a location privacy proxy to determine if the location based service
5 may position the user;
6 associating the unique ID with the MSISDN of the user making the request;
7 generating a unique ID within the location privacy proxy for a request from an
8 untrusted application;
9 attaching the unique ID of the user to a positioning request prior to positioning the
10 user; and
11 positioning the user based on the determination made by the location privacy
12 proxy.

1 16. The method of Claim 15, wherein the request is received from a mobile portal.

1 17. The method of Claim 15, wherein the request is received from a WAP
2 gateway.

1 18. The method of Claim 15, wherein the request is received from a positioning
2 server.

1 19. The method of Claim 15, wherein the step of accessing further comprises the
2 steps of:
3 determining if the location based service has previously positioned the user;
4 if the location based service has not previously positioned the user,
5 determining if the user manually authorizes positioning by the location based service; and
6 storing an indication of whether the location based service is authorized to
7 position the user.

1 20. The method of Claim 15, wherein the step of accessing further comprises the
2 steps of:
3 determining if the location based service has previously positioned the user;
4 if the location based service has not previously positioned the user, accessing
5 a user profile to determine if the user may be positioned.

1 21. A location privacy proxy, comprising:
2 a first interface for receiving positioning requests for a user;
3 a second interface for accessing location based services;
4 a third interface for accessing a positioning server; and
5 control logic configured to:
6 receive a request to position the user using a location based service;
7 determine if the application may position the user; and
8 position the user based on the determination made by the location
9 privacy proxy using the positioning server.

1 22. The location privacy policy of Claim 21, wherein the control logic is further
2 configured to:
3 determine if the location based service has previously positioned the user;
4 if the location based service has not previously positioned the user, determine
5 if the user authorizes positioning by the location based service; and
6 store an indication of whether the location based service is authorized to
7 position the user.

1 23. The location privacy policy of Claim 21, wherein the control logic is further
2 configured to:

3 determine if the location based service has previously positioned the user;
4 if the location based service has not previously positioned the user, access a
5 user profile to determine if the user may be positioned.

1 24. The location privacy policy of Claim 21, wherein the control logic is further
2 configured to:

3 generate a unique ID within the location privacy proxy for a request from an
4 untrusted application; and
5 associate the unique ID with the MSISDN of the user making the request.

1 25. The location privacy policy of Claim 24, wherein the control logic is further
2 configured to:

3 attach the unique ID of the user to a positioning request prior to positioning
4 the user.

1 26. A location privacy proxy, comprising:
2 a first means for receiving positioning requests for a user;
3 a second means for accessing location based services;
4 a third means for accessing a positioning server; and
5 control means for receiving a request to position the user using a location
6 based service; accessing a location privacy proxy to determine if the location based service
7 may position the user; and positioning the user based on the determination made by the
8 location privacy proxy using the positioning server.